САОБРАЋАЈНИ ФАКУЛТЕТ

Faculty of Transport and Traffic Engineering

Traffic

at Faculty of Transport and Traffic Engineering, 305 Vojvode Stepe, 11000 Belgrade, www.sf.bg.ac.rs

ECTS: 60/ LANGUAGE OF INSTRUCTION: SERBIAN/ DEGREE: MASTER

Study program content

Development of traffic, transport, logistics and communication are necessary conditions for technological development with huge impact on economic and social progress of any country.

The purpose of this master study program is to train and qualify students for research and practical work in the area of traffic, transport, logistics and communications. Master degree program is designed to provide scientific and professional staffs, which should actively participate in Serbian progress in this area.

Study program goals

The main goals of master study programs include planning and engineering of transport, traffic, logistics and communications systems.

Master traffic engineers should have all the necessary skills for further education at a higher level of study and to following the technological progress in traffic. In addition, study programs should include the monitoring, maintenance and management of traffic, transport, logistics and communications networks and systems.

Master students should acquire the necessary knowledge using scientific methods and techniques for creatively solving the complex problems in practice and for further scientific research. Study program have to train students for teamwork and presentation of results through scientific and conference papers.

Study program outcomes

Master traffic engineers should have all the necessary skills for further education at a higher level of study. The main outcomes are: planning and designing traffic and transport networks, traffic engineering, transport engineering, planning traffic process, planning transport process, planning and engineering of logistics process, safety traffic strategies, environment protection, operational research and modeling of traffic and transport systems, developing methods and models, developing of software tools, marketing and management of traffics and transport process, optimization methods for solving different problems in traffic, transport, logistics and communications, etc.

Modules

Railway traffic and transport; Traffic engineering; Waterway traffic and transport; Transport engineering; Road traffic safety; Air traffic and transport; Logistics; Telecommunication traffic and networks; Management and economy in transportation and communications; Postal traffic and networks; Operation research in traffic.

Admission requirements

Basic studies graduates with 240 ECTS.

Contact

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